



Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/730,555
				Filing Date	December 8, 2003
				First Named Inventor	Darwin et al.
				Art Unit	1646
				Examiner Name	To Be Assigned
Sheet	1	of	6	Attorney Docket Number	19603/4292 (CRF D-3099-03)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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20	1	Akaike, "Role of Free Radicals in Viral Pathogenesis and Mutation," <i>Rev. Med. Virol.</i> 11(2):87-101 (2001)	
	2	Bloom et al., "Tuberculosis: Commentary on a Re-Emergent Killer," <i>Science</i> 257:1055-1064 (1992)	
	3	Benaroudj et al., "PAN, the Proteasome-Activating Nucleotidase from Archaeobacteria, is a Protein-Unfolding Molecular Chaperone," <i>Nat. Cell. Biol.</i> 2(11):833-839 (2000)	

Examiner Signature	<i>Lindsay Cadell</i>	Date Considered	7/18/05
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JO	4	Bryk et al., "Metabolic Enzymes of Mycobacteria Linked to Antioxidant Defense by a Thioredoxin-Like Protein," <i>Science</i> 295(5557):1073-1077 (2002)	
	5	Buchmeier et al., "A Parallel Intraphagosomal Survival Strategy Shared by <i>Mycobacterium tuberculosis</i> and <i>Salmonella enterica</i> ," <i>Molec. Microbiol.</i> 35(6):1375-1382 (2000)	
	6	Chan et al., "Killing of Virulent <i>Mycobacterium tuberculosis</i> by Reactive Nitrogen Intermediates Produced by Activated Murine Macrophages," <i>J. Exp. Med.</i> 175:1111-1122 (1992)	
	7	Chan et al., "Effects of Nitric Oxide Synthase Inhibitors on Murine Infection with <i>Mycobacterium tuberculosis</i> ," <i>Infect. Immun.</i> 63(2):736-740 (1995)	
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	12	Davies K.J., "Degradation of Oxidized Proteins by the 20S Proteasome," <i>Biochimie</i> 83:301-310 (2001)	
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	15	Ehrt et al., "Reprogramming of the Macrophage Transcriptome in Response to Interferon- γ and <i>Mycobacterium tuberculosis</i> : Signaling roles of Nitric Oxide Synthase-2 and Phagocyte Oxidase," <i>J. Exp. Med.</i> 194(8):1123-1140 (2001)	

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	16	Facchetti et al., "Expression of Inducible Nitric Oxide Synthase in Human Granulomas and Histiocytic Reactions," <i>Am. J. Pathol.</i> 154(1):145-152 (1999)	
	17	Forbes et al., "Divalent-Metal Transport by NRAMP Proteins at the Interface of Host-Pathogen Interactions," <i>Trends Microbiol.</i> 9(8):397-403 (2001)	
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	21	Karimova et al., "A Bacterial Two-Hybrid System Based on a Reconstituted Signal Transduction Pathway," <i>Proc. Natl. Acad. Sci. USA</i> 95:5752-5756 (1998)	
	22	Kaushal et al., "Reduced Immunopathology and Mortality Despite Tissue Persistence in a <i>Mycobacterium tuberculosis</i> Mutant Lacking Alternative σ Factor, SigH," <i>Proc. Natl. Acad. Sci. USA</i> 99(12):8330-8335 (2002)	
	23	Keane et al., "Tuberculosis Associated with Infliximab, a Tumor Necrosis-Factor α -Neutralizing Agent," <i>N. Engl. J. Med.</i> 345(15):1098-1104 (2001)	
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	27	Lienhardt et al., "Estimation of the Impact of the Human Immunodeficiency Virus Infection on Tuberculosis: Tuberculosis Risks Re-visited?" <i>Int. J. Tuberc. Lung Dis.</i> 1(3):196-203 (1997)	

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JO	28	Long et al., "Mycobacteriocidal Action of Exogenous Nitric Oxide," <i>Antimicrob. Agents Chemother.</i> 43(2):403-405 (1999)	
	29	MacMicking et al., "Altered Responses to Bacterial Infection and Endotoxic Shock in Mice Lacking Inducible Nitric Oxide Synthase," <i>Cell</i> 81:641-650 (1995)	
	30	MacMicking et al., "Nitric Oxide and Macrophage Function," <i>Annu. Rev. Immunol.</i> 15:323-350 (1997)	
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	33	Maragos et al., "Mutagenicity of Glyceryl Trinitrate (nitroglycerin) in <i>Salmonella typhimurium</i> ," <i>Mutat. Res.</i> 298(3):187-195 (1993)	
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	35	Nagy et al., "The 20S Proteasome of <i>Streptomyces coelicolor</i> ," <i>J. Bacteriol.</i> 180(20):5448-5453 (1998)	
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	38	Nathan et al., "Inducible Nitric Oxide Synthase in the Tuberculous Human Lung," <i>Am. J. Respir. Crit. Care Med.</i> 166:130-131 (2002)	
	39	Nathan et al., in <i>In Tuberculosis, Second Edition</i> , Rom et al., eds., Lippincott Williams & Wilkins, New York, New York, pp. 215-235 (2003)	

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LD	40	Ogura et al., "AAA Superfamily ATPases; Common Structure- Diverse Function," <i>Genes to Cells</i> 6:575-97 (2001)	
	41	Raman et al., "The Alternative Sigma Factor SigH Regulates Major Components of Oxidative and Heat Stress Responses in <i>Mycobacterium tuberculosis</i> ," <i>J. Bacteriol.</i> 183(20):6119-6125 (2001)	
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	51	Tamir et al., "DNA Damage by Nitric Oxide," <i>Chem. Res. Toxicol.</i> 9(5):821-7 (1996)	

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	52	Theis et al., "The Nucleotide Excision Repair Protein UvrB, a Helicase-Like Enzyme with a Catch," <i>Mutat. Res.</i> 460:277-300 (2000)	
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